

RECIPROCATING STEAM ENGINE SURVEYS

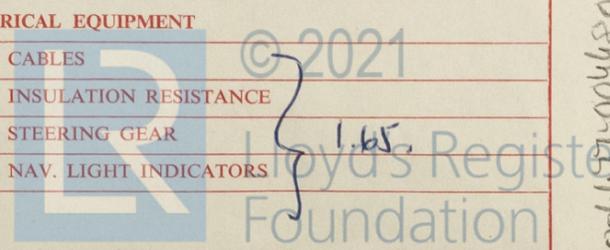
Name AL HUSAINI

10E

MINIMUM NO. AND CAPACITY OF GENERATORS REQUIRED FOR ESSENTIAL SERVICES

	PORT	STARBOARD
H.P. CYLINDER & PISTON	1/65	
1st I.P. CYLINDER & PISTON	1/65	
<del>2ND I.P. CYLINDER &amp; PISTON</del>		
L.P. CYLINDER & PISTON	1/65	
H.P. VALVE	1/65	
1st I.P. VALVE	1/65	
<del>2ND I.P. VALVE</del>		
L.P. VALVE	1/65	
CROSSHEADS	All 1/65	
CRANK PINS & BEARINGS	All 1/65	
JOURNALS & BEARINGS	Bearing only 9/63	Eccentrics 9/63 All 1/65
<del>L.P. TURBINES</del>		
<del>REDUCTION GEAR OR ELECTRIC GENERATORS OR STEAM COMPRESSORS</del>		
<del>ELECTRIC PROPELLING MOTORS</del>		
THRUST SHAFT	1/65	
INTERMEDIATE SHAFTING	1/65	
HOLDING DOWN BOLTS, ETC.	4/63	1/65
ENGINE TEST	1/65	
BULKHEAD STOP VALVES	}	1/65
MANŒUVRING VALVES		
<del>DE-SUPERHEATER</del>		
<del>RE-HEATER</del>		
<del>STEAM PIPES</del>		
DYNAMO STEAM ENGINES	C. 4/63 Out 9/63 In 1/65	Fan engine 1.65
<del>AUXILIARY OIL ENGINES</del>		
AIR RECEIVERS		AIR COMPRESSORS

	MAIN	AUX.
CONDENSERS	9/63	
AIR PUMPS	ATTACHED 1/65	
	INDEPENDENT	Feed water heater 1/65
CIRCULATING PUMPS	ATTACHED	
	INDEPENDENT 9/63 1/65	1.65
FEED PUMPS	ATTACHED	
	INDEPENDENT	In. 4/63 Out 9/63 Back 1/65
FEED HEATERS		
<del>FEED FILTERS</del>		
BILGE PUMPS	ATTACHED	Back 1/65
	INDEPENDENT	1/65
BALLAST PUMPS	Out. 4/63	Std. 9/63
GENERAL SERVICE PUMPS		
LUBRICATING OIL PUMPS		
LUBRICATING OIL COOLERS		
OIL FUEL TRANSFER PUMPS	9/63	
PUMPING ARRANGEMENTS	1/65	
OIL FUEL INSTALLATION	PUMPS	Both 9/63
	HEATERS	Back 1/65
FORCED/INDUCED DRAUGHT FANS		9/63 with engine
EVAPORATORS	4 sys	1/65
<del>DISTILLERS</del>		
STEERING GEAR	1/65	
WINDLASS	1/65	
FIRE EXTINGUISHING ARRANGEMENTS	1/65	Diesel Fire Pump 1.65
SEA CONNECTIONS	1/65	
OIL FUEL TANKS		
AUXILIARY ELECTRICAL EQUIPMENT		
GENERATORS	}	CABLES
MOTORS		INSULATION RESISTANCE
SWITCHBOARDS		STEERING GEAR
CIRCUIT BREAKERS		NAV. LIGHT INDICATORS
	1.65	1.65



L530-08400-0359